What Are Clouds Made of?

Student Responses- Grade 5

**Trista:** *I think clouds are made of large drops of water.*
1. Water drops combine to make clouds.
2. Because water from the sea rises up to create clouds.

**Lee:** *I think clouds are made of soft, cotton-like material.*
1. I think they are soft cotton-like material because they look so really puffy and look like cotton poffe balls.

**Manny:** *I think clouds are made of smoke that rises from the land.*
1. Sometimes clouds are made from factors that have smoke coming out of them.

**Rosie:** *I think clouds are made of evaporated water in the form of a gas.*
1. I agree with her because that is what my science book said they were made up of and that sounds better.
2. You can kinda see through clouds so I think it is mostly types of gas.
3. When it rains the clouds shrink a little. Then when it evaporates the clouds get big and puffy.
4. Because I learned that clouds are evaporated water in a form of gas in like 4th grade.
5. I agree with Rosie because clouds are made up of small drops of evaporated water. The clouds form from condensation which is evaporated water.
6. I learned about it in school. When water evaporates it goes to clouds. When the clouds got to full it rains.
7. Rosie because water will evaporate then it will condensate into the form of gas.
8. I agree, because evaporation is in the water cycle and the water does evaporate.
9. Because when water evaporates then it forms the clouds in the sky.
10. I agree with Rosie because the clouds hold the water but it is the form of a gas.
11. Clouds do evaporate into the sky it is water that evaporates from a gas. There is evaporation, condensation, and precipitation.
12. Because evaporation rises and it’s water that gets heated.
13. I agree with Rosie because that what clouds are. They are the steam that evaporates from the ocean. Then it rain and that steam and clouds are released and falls to the ground. When it fogs it is when the clouds fall to the ground, if you go through the fog you will get wet.
14. Clouds are made of evaporated water.
15. Oceans evaporate then be come clouds so that means clouds are evaporated water – when clouds condensate the water condences and become tiny drops then rain.
16. I believe that Rosie’s guess was accurate because gas is hot air that rises and to evaporate means to disappear into another form.
17. I believe Rosie, because, well that is what the water cycle tells me!
18. I know Rosie is right because they can’t be made from a spongy material because some days there are more clouds than others so where would the sponge go. So I know it has to be evaporated water because it can come and go and it is part of the water cycle.
19. Because in the water cycle the sun warms the water then the water evaporates and forms clouds.
20. I agree with Rosie about clouds are made of evaporated water in the form of gas because in the water cycle, the water evaporated from the sea to the sky, and those are clouds. Then when it rains the water from the clouds are rain and it goes back into the sea. That’s why Rosie is right.
21. I think this because water would be too heavy to stay in the sky and I know they are made from some type of water.
22. Because some of the water that goes in the ocean then goes up in the cloud to create moisture in the clouds so it will rain. Gas helps hold it in there.
23. Clouds are a gas form of water and according to the water cycle water must evaporate up in clouds before it can fall as precipitation. That is also how you can find condensation on a glass.
24. I think they are made of evaporated water in the form of a gas because the way the water cycle works. The water from the lakes and oceans etc.... evaporates into the sky and that’s what forms the clouds.

**Glenda:** *I think clouds are made of tiny drops of water or tiny ice crystals.*

1. Glenda mite be right too because I think we learned this last year.
2. Some clouds are water and some clouds are ice if they are cold enough. The water evaporates and falls into little drops.
3. Water evaporates then when it starts forming again it makes clouds.
4. Because it’s not hard and you can fly threw it.
5. Big drops would fall but gas or tiny droplets wouldn’t. Ice could too.
7. Clouds are made of tiny drops of water attached to small pieces of dust. In higher altitudes, the water is made of ice crystals.
8. It said in the movie. They all stick together.
9. I agree w/ Glenda because, the things that fall from the clouds are ice crystals or snow. I know this because that is part of the water cycle, that is how we get more clean water.

**Leticia:** *I think clouds are made of spongy material that holds water in it.*

1. Clouds take in water but the clouds don’t just form when the water evaporates so there has to be some material before it takes in water.